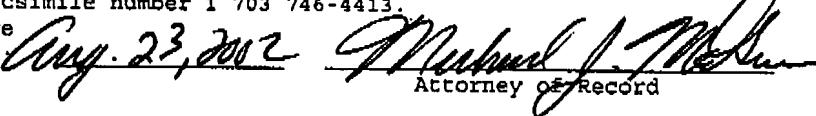


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Attorney of Record

PATENT

Docket No.: 140315.92289

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thornborough

Appl. No.: 09/472,105

Filed: December 27, 1999

Title: METERING PULSE TRANSDUCER

Art Unit: 2855

Examiner: L. Martir

SUPPLEMENTAL RESPONSE UNDER 37 C.F.R. §1.116

Box AF
Commissioner for Patents
Washington, DC 20231

Sir:

Please find a clean copy of amended claim 1 submitted with Applicant's Amendment under 37 C.F.R. §1.116.

Amendment

IN THE CLAIMS:

Please amend claims 1 as follows:

1. (Thrice amended) A pulse transducer, comprising:

a rotor having an axis of rotation and having a plurality of magnetically switchable elements spaced apart and spaced around the axis and movable along a path of travel around the axis, each of said magnetically switchable elements having at least four magnetic states;



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